

SECTION 909 -- INSTALLING TIE BARS

909.01 -- Description

The Contractor shall furnish and install transverse deformed steel tie bars in concrete slabs as prescribed in the plans.

909.02 -- Material Requirements

1. Steel bars used shall be of the size and length specified in the plans and in conformance with Section 1020.
2. Grout shall be listed on the NDR Approved Products List.

909.03 -- Construction Methods

1.
 - a. The Contractor shall drill tie bar holes to the depth shown in the plans. The diameter of the hole shall be at least 1/8-inch (3-mm) but not more than 3/8-inch (9-mm) larger than the bar diameter.
 - b. Wet or dry drilling operations may be employed.
 - c. Drilled holes shall be normal to the edge of the slab and level.
 - d. Dry-drilled holes shall be brushed with a stiff bristle brush and blown clean with oil-free, compressed air.
 - e. Wet-drilled holes shall be thoroughly washed after drilling to remove any residue.
2. Grout shall be placed in the holes so all of the embedded portion of the bar is bonded.

909.04 -- Method of Measurement

Tie bars are measured by the each.

909.05 -- Basis of Payment

- | 1. Pay Item | Pay Unit |
|-------------|-----------|
| Tie Bars | Each (ea) |
2. Payment is full compensation for all work prescribed in this Section.